

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. GEN 10 P 333	SERIAL NO. 09/723,675
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (See several sheets if necessary)		APPLICANT(S) JOHN K. ROBERTS ET AL.	
FILING DATE 11/28/00		GROUP 2875	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>gm</i>	6 1 5 2 5 9 0	11/28/00	Fürst et al.			
	5 9 9 8 9 2 5	12/07/99	Shimizu et al.			
	5 9 3 4 7 9 8	08/10/99	Roller et al.			
	5 9 2 1 6 5 2	07/13/99	Parker et al.			
	5 8 9 8 1 8 5	04/27/99	Bojarczuk, Jr. et al.			
	5 8 9 5 1 1 5	04/20/99	Parker et al.			
	5 8 5 1 0 6 3	12/22/98	Doughty et al.			
	5 8 4 7 5 0 7	12/08/98	Butterworth et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
<i>gm</i>	E. F. Schubert et al., "Photon Recycling Semiconductor Light Emitting Diode (PRS-LED)," (date unknown, but prior to 11/28/00).
<i>gm</i>	"White Light LED Product Announcement by Asahi Rubber, 02/09/00."

EXAMINER <i>Thomas M. Sember</i>	DATE CONSIDERED <i>05/04 /2002</i>
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RECEIVED APR -6 2001 4C 2800 MA		FILING DATE 11/28/00	GROUP 2875

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>my</i>	5 8 3 6 6 7 6	11/17/98	Ando et al.			
	5 8 0 3 5 7 9	09/08/98	Turnbull et al.			
	5 6 9 9 0 4 4	12/16/97	Van Lente et al.			
	5 6 1 3 7 5 1	03/25/97	Parker et al.			
	5 4 9 7 3 0 5	03/05/96	Pastrick et al.			
	5 4 7 7 4 3 6	12/19/95	Bertling et al.			
<i>✓</i>	5 3 8 4 5 1 9	01/24/95	Gotoh			

## FOREIGN PATENT DOCUMENTS

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						Y N

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
<i>gn</i>	R. W. G. Hunt, <i>Measuring Colour</i> , reprinted in 1992 by Ellis Horwood Limited, pp. 38-79 and 124-33.
<i>gn</i>	SAE J578, Surface Vehicle Standard - Color Specification, revised June 1995.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
<i>gm</i>	5 3 7 1 6 5 9	12/06/94	Pastrick et al.			
<i>gm</i>	5 3 2 5 2 7 1	06/28/94	Hutchisson			
<i>gm</i>	5 3 0 3 0 3 7	04/12/94	Taranowski			
<i>gm</i>	5 2 5 5 1 7 1	10/19/93	Clark			
<i>gm</i>	5 1 4 3 4 3 3	09/01/92	Farrell			
<i>gm</i>	5 1 3 6 4 8 3	08/04/92	Schöniger et al.			
<i>gm</i>	5 0 8 3 1 9 2	01/21/92	Rzeknik et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
						Y N
<i>gm</i>	0 6 8 9 0 0 0	09/09/98	EPC			
<i>gm</i>	0 6 2 5 7 9 3	09/09/98	EPC			
<i>gm</i>	3 9 1 6 8 7 5	12/06/90	Germany			X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
<i>gm</i>	David H. Brainard, COLORIMETRY, XP 002040706, Chap. 26, pp. 26.1-26.53.
<i>gm</i>	English translation of 2087 ELEKTRONIC, Vol. 44, No. 15, July 25, 1995, p. 134, "LED-Bauelement".

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RECEIVED APR - 6 2001 TC 2800 MAIL ROOM		APPLICANT(S) JOHN K. ROBERTS ET AL.	
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## U.S. PATENT DOCUMENTS

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gm	5 0 0 8 5 9 5	04/16/91	Kazar			
	4 9 9 2 7 0 4	02/12/91	Stinson			
	4 9 4 7 2 9 1	08/07/90	McDermott			
	4 9 2 9 8 6 6	05/29/90	Murata et al.			
	4 8 8 2 5 6 5	11/21/89	Gallmeyer			
	4 8 0 7 0 9 6	02/21/89	Skogler et al.			
	4 7 3 3 3 3 6	03/22/88	Skogler et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA- TION
						Y N
gm	62 1 8 7 7 5	01/27/87	Japan			X
gm	62 2 3 5 7 8 7	10/15/87	Japan			X

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
gm	J.L. Schnapf et al., "Spectral Sensitivity of Human Cone Photoreceptors," NATURE, Vol. 325, January 29, 1987, pp. 439-441.

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 APR 05 2001  
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RECEIVED  
 APR -6 2001  
 TC 2800 MAIL ROOM

several sheets if necessary

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPRO- PRIATE
gmv	4 6 4 6 2 1 0	02/24/87	Skogler et al.			
	4 5 8 0 1 9 6	04/01/86	Task			
	4 4 5 0 5 1 2	05/22/84	Kristofek			
	4 3 7 7 7 6 8	03/22/83	Gallaro et al.			
	4 2 9 8 8 6 9	11/03/81	Okuno			
	4 2 1 1 9 5 5	07/08/80	Ray			
	3 8 7 5 4 5 6	04/01/75	Kano et al.			

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						Y N

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
mv	"White Color Developed By 'The Loser,'" Nikkei Mechanical, No. 550, July 2000, pp. 24-28, with translation.

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